

# 2007 Daily Values

## ELK FORK SALT RIVER NEAR MADISON, MO (EFMA/SELKF)

Location: LAT. 39-29-05, LONG. 92-10-04, ON LEFT BANK NEAR ABUTMENT OF COUNTY HIGHWAY AA BRIDGE, 500 FEET DOWNSTREAM FROM ALLEN CREEK, 3.5 MILES SOUTHEAST OF MADISON AND AT MILE 29.8.

Gage: G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED AND OPERATED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. MAINTAINED IN COOPERATION WITH THE U.S. GEOLOGICAL SURVEY.

General Information: DRAINAGE AREA, 200 SQUARE MILES.

Records Available: STAGE, JAN. 1975 TO PRESENT, IN FILES OF CORPS OF ENGINEERS. DISCHARGE, OCT. 1968 TO PRESENT. ALL DISCHARGE RECORDS AFTER 1979 IN FILES OF THE U. S. GEOLOGICAL SURVEY.

Mean Stage: PERIOD OF RECORD, 4.21 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 30.54 FT ON 22 JAN 1999 & PERIOD OF RECORD, DAILY LOW OF 1.82 FT ON 18 FEB 1993 .  
(NOTE: RECORD HIGH OF 33.4 FT ON 21 APR 1973 AT 1330).

Zero Gage Datum: 690.16 ft NGVD. NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	6.30	3.98	12.21	9.51	4.48	4.09						
2	5.06	3.92	9.08	7.39	4.33	3.83						
3	4.48	3.84	5.72	6.54	5.35	3.71						
4	4.25	3.76	5.06	6.06	6.48	3.66						
5	5.71	3.75	4.77	5.17	6.96	3.62						
6	5.47	3.74	4.58	4.79	5.47	3.60						
7	4.84	3.75	4.49	4.54	14.25	3.57						
8	4.46	3.75	4.40	5.02	6.47	3.58						
9	4.24	3.74	4.32	5.04	5.23	3.57						
10	4.08	3.73	7.28	5.38	4.79	3.69						
11	4.00	3.73	5.62	7.13	4.53	3.74						
12	3.98	3.96	5.00	9.38	4.36	3.72						
13	4.09	6.63	4.72	6.56	4.22							
14	4.08	6.14	4.58	6.07	4.10							
15		5.37	4.44	7.37	4.00							
16	5.59	4.65	4.32	6.54	4.38							
17	5.34	4.11	4.19	6.36	4.19							
18	4.50	3.95	4.17	4.43	3.92							
19	4.32	3.91	4.15	4.26	3.83							
20	4.12	9.99	4.24	4.15	3.78							
21	4.06	11.79	4.26	4.07	3.74							
22	4.07	10.92	4.44	4.01	3.71							
23	4.09	7.83	9.69	3.98	3.68							
24	4.06	6.69	8.03	3.94	3.70							
25	4.07	18.06	5.84	4.11	3.68							
26	4.08	7.24	5.21	13.57	3.67							
27	6.47	5.77	8.52	11.70	3.62							
28	6.00	5.36	5.75	5.86	3.70							
29	5.53	----	7.82	5.32	3.67							
30	4.67	----	10.19	4.77	3.70							
31	4.19	----	14.47	----	3.69	----			----		----	
The following statistics are based on observations occurring in 2007 only.												
Mean	4.67	5.86	6.18	6.10	4.70	3.70						
Max	6.47	18.06	14.47	13.57	14.25	4.09						
Min	3.98	3.73	4.15	3.94	3.62	3.57						
Day	30	28	31	30	31	12	0	0	0	0	0	0

The Mean STAGE for the Year was: 5.36  
The Highest STAGE for the Year was: 18.06 which occurred on: 02-25-2007  
The Lowest STAGE for the Year was: 3.57 which occurred on: 06-09-2007 06-07-2007  
The Total Number of Days for the Year was: 162

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.